

Technical Datasheet

Rubber-Elevatorbelts "white"

Rubber Elevatorbelts white Foodgrade, resistant against vegetable and animal oil and grease, flame-resistant antistatic, cut edges

Properties:	Standard:	Unit:	400/3	630/3	800/3	1000/3
Carrier:	DIN 22102		EP 400	EP 630	EP 800	EP 1000
Thickness Cover A ca.	DIN 22102	mm	2,5	2,5	2,5	2,5
Thickness Cover B ca.	DIN 22102	mm	1,5	1,5	1,5	1,5
Total thickness	DIN 22102	mm	7,5	9	10	11
Weight:	DIN 22102	kg/m ²	10,8	12,4	13,5	16,1
*approximately						
Carcass:						
Number of plies:			3	3	3	3
Polyester/Polyamide			EP 125	EP 200	EP 250	EP 315
Cover properties S-IW, FDA, FLAMM:						
Tensile strength min.	DIN 22102	MPa	14	14	14	14
Elongation at break min.	DIN 22102	%	450	450	450	450
Abrasion (+/-20):	DIN 22102	mm ³	215	215	215	215
Shore Hardness (+/-5):	ISO 7619	Shore A	65	65	65	65
Adhesion min.						
Cover A/ply	DIN 22102	N/mm	4,5	4,5	4,5	4,5
Cover B/ply	DIN 22102	N/mm	3,5	3,5	3,5	3,5
Between plies	DIN 22102	N/mm	5	5	5	5
Break resistance of belt:						
Min breaking strength warp:	DIN 22102	N/mm	400	630	800	1000
Max working elongation:	DIN 22102	%	1,5	2,5	2,5	2,5
Resistance to burning/duration of flame:			Single value:		Sum:	
with covers	EN ISO 340	s	max 15		max 45	
Electrical resistance:	DIN ISO 284	Ω	max. 3.10 ⁸			

Additional Information:

ATEX equipment group II, Category 3, zone G2/D22, DIN EN 12882 Category 2A
FDA 21CFR part 177.2600; class of use A-D, German Regulations BfR-Recom. XXI Category 3
Framework Regulation (EC) 1935/2004. The belts meet the requirements of DIN 22102 (2014) and are produced according to REACH-Recommendation. Ozoneresistant, Ambient temperature within -10°C- +60°C, Materialtemperature +80°C.